Appl. No. 09/669,032 Amdt. sent July 19, 2005 Amendment under 37 CFR 1.116 Expedited Procedure Examining Group 2644

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (Canceled)

18. (Currently amended) A melody sound reproducing unit comprising: 1 2 an input unit which inputs melody data; 3 a controller which shifts a the entire scale of the melody data inputted by the input 4 unit when a frequency of the inputted melody data is not in a predetermined range; 5 a memory which stores melody data inputted by the input unit when a frequency of the inputted melody data is in the predetermined range, and stores melody data shifted by the 6 7 controller when the frequency of the inputted melody data is not in the predetermined range; 8 a signal generator for generating an audio signal based on melody data stored in 9 the memory; and a speaker for outputting an audio signal generated by the signal generator. 10 1 19. (Previously presented) The melody sound reproducing unit according to 2 claim 18, wherein the predetermined range is a range between a first and a second frequency. (Previously presented) The melody sound reproducing unit according to 1 20. 2 claim 19, wherein the first frequency is 400 Hz and the second frequency is 8 kHz. (Previously presented) The melody sound reproducing unit according to 1 21. 2 claim 18, wherein the melody data includes a first tone data and a second tone data, and 3 4 wherein the signal generator generates a first audio signal corresponding to the 5 first tone data and a second audio signal corresponding to the second tone data with 6 predetermined timing.

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1	22. (Previously presented) The melody sound reproducing unit according to
2	claim 21, wherein the first audio signal and the second audio signal form a chord relation in
3	intervals and scales with each other.
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1	23. (Currently amended) A melody sound reproducing unit comprising:
2	an input unit which inputs melody data;
3	a controller which changes the frequency spectrum of a melody data inputted by
4	the input unit into to produce a melody data whose frequency spectrum is in a range between a
5	first frequency and a second frequency when a frequency of the inputted melody data is not in
6	the range;
7	a memory which stores melody data inputted by the input unit when a frequency
8	of the inputted melody data is in the range, and stores melody data shifted by the controller when
9	the frequency of the inputted melody data is not in the range;
10	a signal generator for generating an audio signal based on melody data stored in
11	the memory; and
12	a speaker for outputting an audio signal generated by the signal generator.
1	24. (Previously presented) The melody sound reproducing unit according to
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2	claim 23, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

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1	25. (Currently amended) A melody sound recording method, said method
2	comprising:
3	inputting melody data;
4	determining whether a frequency of the inputted melody data is in a
5	predetermined range;
6	shifting a-the entire scale of the inputted melody data when the frequency of the
7	inputted melody data is not in the predetermined range;
8	storing the inputted melody data when the frequency of the inputted melody data
9	is in the predetermined range, and storing melody data whose scale is shifted when the frequency
10	of the inputted melody data is not in the predetermined range;
11	generating an audio signal based on stored melody data; and
12	outputting generated audio signal.
1	26. (Previously presented) The melody sound recording method according to
2	claim 25, wherein the predetermined range is a range between a first and a second frequency.
1	27. (Previously presented) The melody sound recording method according to
2	claim 26, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.
1	28. (Previously presented) The melody sound recording method according to
2	claim 25,
3	wherein the melody data includes a first tone data and a second tone data, and
4	wherein a first audio signal corresponding to the first tone data and a second audi
5	signal corresponding to the second tone data are generated with predetermined timing.
1	29. (Previously presented) The melody sound recording method according to
2	claim 28, wherein the first audio signal and the second audio signal form a chord relation in
3	intervals and scales with each other.

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1	30. (Currently amended) A melody sound recording method, said method
2	comprising:
3	inputting melody data;
4	changing all of the frequency components of inputted melody data to produce
5	melody data whose frequency components fall within is in a range between a first frequency and
6	a second frequency when the a frequency component of the inputted melody data is not in the
7	range;
8	storing the inputted melody data when the frequency of the inputted melody data
9	is in the range, and storing melody data whose scale is shifted when the frequency of the inputted
10	melody data is not in the range;
11	generating an audio signal based on stored melody data; and
12	outputting generated audio signal.
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1	31. (Previously presented) The melody sound recording method according to
2	claim 30, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.